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IN THE CLAIMS:

Please amend the following claims:

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2 ~~26~~. (Amended) A camera comprising:
3 a sensor configured to capture an image and generate a sensor output
4 signal representing the captured image;
5 an amplifier coupled to receive the sensor output signal, wherein the
6 amplifier [has controls] is configured to apply multiple gain levels to the
7 sensor output signal; and
8 a processor coupled to the amplifier, wherein the processor is
9 configured to provide a control signal to the amplifier to adjust the gain
[level] levels applied by the amplifier.

1 ¹⁰
2 ~~25~~. (Amended) The camera of claim ⁹~~24~~ wherein the processor
3 increases the gain [level] levels in dark portions of the captured image and the
4 processor decreases the gain [level] levels in bright portions of the captured
5 image.

1 ¹¹
2 ~~42~~. (Amended) A method for enhancing the dynamic range of a
3 sensor output signal representing a captured image, the method comprising
4 the steps of:
5 amplifying the sensor output signal in response to gain settings
6 contained in a gain map, wherein each gain setting is associated with a
7 particular region of the captured image; and
8 updating the gain settings contained in the gain map in response to
changes in [of] the sensor output signal.